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District: - Bikaner

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Weather Forecast and Agromet Advisory

Period 16th April 2024 to 20th April 2024

Weather review of last week: During this period the maximum temperature ranged between 29.0 to 39.8 °C and the minimum temperature ranged between 18.0 to 23.2°C. During this period, low wind speed observed with RH values of 14 % to 95%.	Weather forecast for the coming week: On the basis of the information received from the India Meteorological Department, New Delhi and Regional Meteorological Centre, Jaipur, weather for the next 5 days in Bikaner district (16.04.2024 to 20.04.2024) dense cloudy on 16.04.2024, overcast on 17.04.2024, cloudy on 18.04.2024 and partially cloudy on 19.04.2024 to 20.04.2024. T _{min} will possibly range between 22.0-24.0°C and the T _{max} is likely to remain between 34.0-36.0 °C. During this period, high winds velocity are likely to blow from the North, North-East, South-West, West and North- North-West directions.
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Weather Parameter	Date				
	16.04.2024	17.04.2024	18.04.2024	19.04.2024	20.04.2024
Rainfall (mm)	0	0	1	0	0
Cloud cover	Dense Cloudy	Overcast	Cloudy	Partially Cloudy	Partially Cloudy
Temperature Maximum (° C)	36	36	35	34	35
Temperature Minimum (° C)	23	24	22	23	23
Wind direction	N	SW	W	NNW	NE
Maximum Relative humidity (%)	15	18	23	23	15
Minimum Relative humidity (%)	30	26	53	48	30
Wind velocity(km/hr)	11	21	19	12	7
Cumulative rains (mm)	01.00				

Agro Advisory: Based on the weather review of last week and the weather forecast for this week, the following advice is given to the farmer.

Specifications	There is a possibility of cloudy sky and light rain with Thunderstorm /Lightning accompanied with hail and gusty winds (Speed 30-40 Kmph) in coming days. Harvest crops and Keep the harvested crops and crop products at a safe place. Store the grains and commodities kept in the open in the Krishi Mandies in a safe place so that they can be saved from getting wet. Stay away from trees, poles and water sources during thunder and lightning and take shelter in a safe place.
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Crop	Stage	Details	Agro Advisory
Wheat	Maturity	Harvesting	To prevent fell down of spikes, crop harvest timely.
Barley	Maturity	Harvesting	To prevent scattering of spikes, crop harvest timely.
Chick pea	Maturity	Harvesting	To prevent scattering of pods of gram, crop harvest timely.
Horticulture			Avoid spraying any kind of chemical in crops of cucurbit vegetables till the weather is clear.
Forage management			Sowing of RBC -2 or Giant Bajra are better for green fodder supply during summers.
Livestock		Health management	Adopt preventive measures against mastitis in milch animals. Vaccinate the livestock animals against foot and mouth disease and provide oral dose of medicine against stomach worms. Provide good quality drinking water to animals.

Assistant Professor and Technical Officer
Gramin Krishi Mausam Sewa

Zonal Director Research and
Nodal Officer - Gramin Krishi Mausam Sewa